

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Inventor(s): Takafumi UENO et al.

Serial No.:

Filing Date:

Group Art Unit:

Examiner:

For: THERAPEUTIC ANGIOGENESIS BY BONE  
MARROW-DERIVED CELL TRANSPLANTATION  
IN MYOCARDIAL ISCHEMIC TISSUE AND  
SKELETAL MUSCLE ISCHEMIC TISSUE

Honorable Commissioner of Patents and Trademarks  
Washington, DC 20231

**GRANT OF POWER OF ATTORNEY PURSUANT TO 37 C.F.R. § 3.71**

S I R:

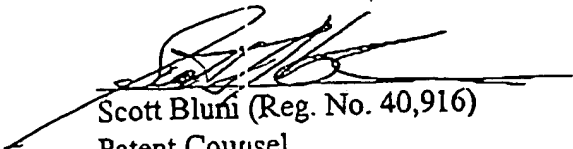
Assignee hereby appoints: Charles R. Brainard (Reg. No. 21,069); John C. Altmiller (Reg. No. 25,951); Estelle J. Tsevdos (Reg. No. 31,145); Douglas E. Ringel (Reg. No. 34,416); Judith Toffenetti, (Reg. No. 39,048); Kristina Jahns (Reg. No. 41,092); Timothy M. Devlin (Reg. No. 41,706); William M. Merone (Reg. No. 41,993); (Reg. No. 45,164); Fred Grasso (Reg. No. 43,644); Elizabeth M. Wieckowski (Reg. No. 42,226); David Greenbaum (Reg. No. 46,739); Michael Haynes (Reg. No. 40,014); Neil McCarthy (Reg. No. 43,435); Teresa Lavenue (Reg. No. 47,737); Dalia Grimberg (Reg. No. 47,611); Julie Stein (Reg. No. 43,158); Jennifer King (Reg. No. 46,828); Thomas Haag (Reg. No. 47,621); Scott Bluni (Reg. No. 40,916); Mark J. Casey (Reg. No. 37,796); James Chiapetta (Reg. No. 39,634); Luke R. Dohmen (Reg. No. 36,783); Peter J. Gafner (Reg. No. 36,517); Albert K. Kau (Reg. No. 40,672); Steven A. McAuley (Reg. 46,084); Todd P. Messal (Reg. No. 42,883); Robert M. Rauker (40,782); William J. Shaw (Reg. No. 43,111) to prosecute this application and transact all business in the U.S. Patent and Trademark Office connected therewith. All previous Powers of Attorney in connection with this application are hereby revoked. Please send all correspondence to:

Elizabeth M. Wieckowski  
KENYON & KENYON  
One Broadway  
New York, NY 10004

and direct all phone calls to Elizabeth M. Wieckowski at (212) 908-6140.

The undersigned (whose title is supplied below) is empowered to sign this certificate on behalf of the assignee.

20 JULY 2001  
Date

  
Scott Bluni (Reg. No. 40,916)  
Patent Counsel  
Boston Scientific Corporation

on behalf of:  
SCIMED LIFE SYSTEMS

**LIMITED AUTHORIZATION TO ACT ON BEHALF OF ASSIGNEE  
REGARDING CERTAIN PATENT MATTERS  
EFFECTIVE THROUGH: December 31, 2001**

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I, Lawrence J. Knopf, as Vice President and Assistant General Counsel of Boston Scientific Corporation, the controlling corporation of:

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and as Vice President, Legal, of Boston Scientific Limited;

hereby authorize the following registered patent attorneys/agents (1) to act on behalf of any of the corporations identified above, including Boston Scientific Corporation, with regard to any matters before the United States Patent and Trademark Office, any foreign patent offices, and any international patent entities, (2) to execute power of attorney documents on behalf of any of the corporations identified above, including Boston Scientific Corporation, to appoint and/or establish any attorneys, agents, and/or law firms to act on behalf of any of the corporations identified above, including Boston Scientific Corporation, in any foreign or international patent applications filed with any foreign and/or international patent offices, and (3) to execute assignment and ownership documents on behalf of any of the corporations identified above, including Boston Scientific Corporation, with regard to any matters before the United States Patent and Trademark Office, any foreign patent offices, and any international patent offices:

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Todd P. Messal.....	Reg. No. 42,383
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William J. Shaw.....	Reg. No. 43,111

\_\_\_\_\_  
Lawrence J. Knopf, Vice President and Assistant General Counsel

4/27/01  
\_\_\_\_\_  
Date

COMMONWEALTH OF MASSACHUSETTS )

) ss.

COUNTY OF MIDDLESEX )

On this 25<sup>th</sup> day of April, 2001 before me personally appeared Lawrence J. Knopf to me known and known to me to be the person described in and who executed the foregoing instrument, and he duly acknowledged to me that he executed the same for the uses and purposes set forth herein.

\_\_\_\_\_  
Notary Public